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ABSTRACT

Cited are 573 U.S. and foreign articles, reports, and books particularly relevant to the field of computational linguistics with selective coverage in the fields of computation and programming, and social science uses of computers as language processors. In the area of linguistics, a fairly broad view of structural theory and semantics is taken without being exhaustive. Structural properties of some languages, especially English and Russian are also selectively covered. The coverage of psycholinguistics and sociolinguistics is also selective. (Author/MF)

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MEMORANDUM

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COMPUTATIONAL LINGUISTICS:
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Bozena Dostert, Jean I. Houston and Dolores V. Lofgren

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PREFACE

This Memorandum was produced by the Rand project on natural computer languages. The project is concerned with the design of computer systems that are responsive to the increasingly urgent need for a means of fast and accurate information transaction between relatively senior command, control, and policymaking personnel, on the one hand, and very large, heterogeneous, loosely formatted data banks on the other. The design of such systems hinges on a variety of rapidly changing fields of intellectual endeavor, including linguistics and computer and information science. The present bibliography, containing 573 U.S. and foreign articles, reports, and books, was prepared to serve those engaged on this project.

The bibliography was compiled from the journals listed at the end and from informal printed reports that come to us from other projects and individuals. A substantial part of this bibliography has appeared in the monthly newsletter of the Association for Computational Linguistics, *The Finite String*. Beginning in 1969, a bibliography on these subjects has been maintained by the Center for Applied Linguistics, who expect to publish successors to this Memorandum. The compilation presented here was completed in October 1969; no others will be undertaken at Rand.

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